

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,138,349 B2

Page 1 of 8

APPLICATION NO. : 10/733303

DATED : November 21, 2006

INVENTOR(S) : Susumu Uehara, Koji Shimizu and Shinya Mashiko

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On title page Item [57]

In the Abstract:

Line, 1 replace "(n_d)" with --(n_d)--

Line, 2 replace "(v_d)" with --(v_d)--

Line, 4 replace "(n_d=1.835, v_d=46.5)" with --(n_d=1.835, v_d=46.5)--

Line, 4 replace "B (n_d=1.90, v_d=40.0)," with --B (n_d=1.90, v_d=40.0),--

Line, 4 replace "point C," with --point C--

Line, 5 replace "(n_d=1.90, v_d=35.0)" with --(n_d=1.90, v_d=35.0)--

Line, 5 replace "D (n_d=1.835, v_d=38.0)" with --D (n_d=1.835, v_d=38.0)--

Line, 8 replace "(v_d)" with --(v_d)--

Line, 8 replace "(n_d)" with --(n_d)--

Line, 12 replace "(n_d)" with --(n_d)--

Line, 12 replace "(v_d)" with --(v_d)--

Line, 15 replace "C.," with --C.,--

Column 1, line 38 replace "perform" with --preform--

Column 2, line 4 delete "to"

Column 2, line 13 replace "C." with --C--

Column 2, line 15 replace "C." with --C--

Column 2, line 17 replace "C." with --C--

Column 2, line 27 replace "(n_d)" with --(n_d)--

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Page 2 of 8

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Column 2, line 27 replace "(v_d)" with --(v_d)--
Column 2, line 31 replace "(n_d)" with --(n_d)--
Column 2, line 32 replace "(v_d)" with --(v_d)--
Column 2, line 33 replace "A (n_d=1.835, v_d=46.5)" with --A (n_d=1.835, v_d=46.5)--
Column 2, line 34 replace "B (n_d=1.90, v_d=40.0)," with --B (n_d=1.90, v_d=40.0),--
Column 2, line 34 replace "point C," with --point C--
Column 2, line 34 replace "(n_d=1.90, v_d=35.0)" with --(n_d=1.90, v_d=35.0)--
Column 2, line 35 replace "D (n_d=1.835, v_d=38.0)" with --D (n_d=1.835, v_d=38.0)--
Column 2, line 42 replace "(n_d)" with --(n_d)--
Column 2, line 44 replace "(v_d)" with --(v_d)--
Column 2, line 51 delete "has"
Column 2, line 62 replace "reason," with --reasons,--
Column 4, line 3 replace "does not" with --is not--
Column 5, line 4 replace "inventors has" with --inventors have--
Column 5, line 11 replace "inventor has" with --inventors have--
Column 5, line 14 replace "(n_d)" with --(n_d)--
Column 5, line 14 replace "(v_d)" with --(v_d)--
Column 5, line 16 replace "A (n_d=1.835, v_d=46.5)" with --A (n_d=1.835, v_d=46.5)--
Column 5, lines 16-17 replace "B (n_d=1.90, v_d=40.0)," with --B (n_d=1.90, v_d=40.0),--
Column 5, line 17 replace "point (C, n_d=1.90, v_d=35.0)" with --point C (n_d=1.90, v_d=35.0)--

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Page 3 of 8

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Column 5, line 18 replace “(n_d=1.835, v_d=38.0)” with --(n_d=1.835, v_d=38.0)--
Column 5, line 20 replace “(v_d)” with --(v_d)--
Column 5, line 21 replace “(n_d)” with --(n_d)--
Column 5, line 41 replace “0.1 to 1 mass %” with --0 to 1 mass %--
Column 5, line 42 replace “1 to 6 mass %” with --0.1 to 6 mass %--
Column 5, line 55 replace “(n_d)” with --(n_d)--
Column 5, line 57 replace “(n_d)” with --(n_d)--
Column 5, line 59 replace “(n_d)” with --(n_d)--
Column 5, line 61 replace “(v_d)” with --(v_d)--
Column 5, line 63 replace “(v_d)” with --(v_d)--
Column 5, line 65 replace “C.” with --C--
Column 5, line 67 replace “C.” with --C--
Column 6, line 2 replace “(n_d)” with --(n_d)--
Column 6, line 3 replace “(v_d)” with --(v_d)--
Column 6, line 4-5 replace “A (n_d=1.835, v_d=46.5)” with --A (n_d=1.835, v_d=46.5)--
Column 6, line 5 replace “B (n_d=1.90, v_d=40.0),” with --B (n_d=1.90, v_d=40.0),--
Column 6, line 5-6 replace “point C, (n_d=1.90, v_d=35.0)” with --point C (n_d=1.90, v_d=35.0)--
Column 6, line 6 replace “D (n_d=1.835, v_d=38.0)” with --D (n_d=1.835, v_d=38.0)--
Column 6, line 9 replace “(v_d)” with --(v_d)--
Column 6, line 9 replace “(n_d)” with --(n_d)--

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Page 4 of 8

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Column 6, line 46	replace "(n _d)" with --(n _d)--
Column 6, line 48	replace "(n _d)" with --(n _d)--
Column 6, line 50	replace "(n _d)" with --(n _d)--
Column 6, line 53	replace "(v _d)" with --(v _d)--
Column 6, line 55	replace "(v _d)" with --(v _d)--
Column 6, line 57	replace "C." with --C--
Column 6, line 59	replace "C." with --C--
Column 6, line 64	replace "(v _d)" with --(v _d)--
Column 6, line 64	replace "(n _d)," with --(n _d),--
Column 6, line 66	replace "(v _d)" with --(v _d)--
Column 6, line 66	replace "(n _d))" with --(n _d))--
Column 9, line 4	replace "2%" with --2%--
Column 9, line 5	insert tab at beginning of line to start new paragraph
Column 9, line 49	replace "(Tg)," with --(Tg), and--
Column 9, line 51	replace "inventors has" with --inventors have--
Column 9, line 64	replace "become" with --becomes--
Column 10, line 45	replace "(n _d)," with --(n _d),--
Column 10, line 46	replace "(v _d)" with --(v _d)--
Column 10, line 50	replace "(n _d)," with --(n _d),--
Column 10, line 50	replace "(v _d)" with --(v _d)--

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Page 5 of 8

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Column 11, line 21 replace "C." with --C--
Column 11, line 49 replace "C." with --C--
Column 12, line 18 replace "C." with --C--
Column 12, line 41 replace "C." with --C--
Column 12, line 65 replace "C." with --C--
Column 13, line 24 replace "C." with --C--
Column 13, line 46 replace "F₂" with --F--
Column 13, line 49 replace "C." with --C--
Column 14, line 11 replace "C." with --C--
Column 14, line 19 replace "to be the composition" with --to the composition--
Column 14, line 22 replace "1200 °C. to 1400°C." with --1200° C to 1400° C--
Column 14, line 55 replace "(n_d)" with --(n_d)--
Column 14, line 56 replace "(v_d)" with --(v_d)--
Column 15, line 12 replace "C." with --C--
Column 15, line 17 replace "in a electric" with --in an electric--
Column 15, line 20 replace "C.," with --C,--
Column 15, line 20 replace "2hours" with --2 hours--
Column 15, line 29 replace "mol % mass" with --mol % to mass %--
Column 15, line 63 replace "C." with --C--
Column 15, line 65 replace "C." with --C--

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Page 6 of 8

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Column 15, line 67	replace "C." with --C--
Claim 1 Column 16, line 7	replace "(n _d)" with --(n _d)--
Claim 1 Column 16, line 7	replace "(v _d)" with --(v _d)--
Claim 1 Column 16, line 9	replace "A (n _d =1.835, v _d =46.5)" with --A (n _d =1.835, v _d =46.5)--
Claim 1 Column 16, line 10	replace "B (n _d =1.90, v _d =40.0)," with --B (n _d =1.90, v _d =40.0),--
Claim 1 Column 16, line 10	replace "(n _d =1.90, v _d =35.0)" with --(n _d =1.90, v _d =35.0)--
Claim 1 Column 16, line 10	replace "point C," with --point C--
Claim 1 Column 16, line 11	replace "D (n _d =1.835, v _d =38.0)" with --D (n _d =1.835, v _d =38.0)--
Claim 1 Column 16, line 14	replace "(v _d)" with --(v _d)--
Claim 1 Column 16, line 14	replace "(n _d)" with --(n _d)--
Claim 1 Column 16, line 36	replace "in a the total" with --in a total--
Claim 1 Column 16, line 14	replace "(v _d)" with --(v _d)--
Claim 1 Column 16, line 14	replace "(n _d)" with --(n _d)--
Claim 1 Column 16, line 14	replace "(v _d)" with --(v _d)--
Claim 1 Column 16, line 14	replace "(n _d)" with --(n _d)--
Claim 1 Column 16, line 36	replace "(v _d)" with --(v _d)--
Claim 9 Column 17, line 20	replace "C." with --C--
Claim 10 Column 17, line 22	replace "C." with --C--

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Page 7 of 8

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Claim 12 Column 17, line 26 replace "(v_d)" with --(v_d)--

Claim 13 Column 17, line 28 replace "(n_d)" with --(n_d)--

Claim 14 Column 17, line 30 replace "(v_d)" with --(v_d)--

Claim 15 Column 17, line 31 replace "having;" with --having:--

Claim 15 Column 17, line 32 replace "(n_d)" with --(n_d)--

Claim 15 Column 17, line 32 replace "(v_d)" with --(v_d)--

Claim 15 Column 17, line 34 replace "A (n_d=1.835, v_d=46.5)" with --A (n_d=1.835, v_d=46.5)--

Claim 15 Column 17, line 35 replace "B (n_d=1.90, v_d=40.0)," with --B (n_d=1.90, v_d=40.0),--

Claim 15 Column 17, line 35 replace "point C," with --point C--

Claim 15 Column 17, line 35 replace "(n_d=1.90, v_d=35.0)" with --(n_d=1.90, v_d=35.0)--

Claim 15 Column 17, line 36 replace "D (n_d=1.835, v_d=38.0)" with --D (n_d=1.835, v_d=38.0)--

Claim 15 Column 17, line 38 replace "X-axis the" with --X-axis is the--

Claim 15 Column 17, line 39 replace "(v_d)" with --(v_d)--

Claim 15 Column 17, line 39 replace "(n_d)," with --(n_d),--

Claim 15 Column 17, line 40 replace "border line;" with --border lines--

Claim 15 Column 18, line 1 replace "is more" with --is more than 10--

Claim 18 Column 18, line 28 replace "(n_d)" with --(n_d)--

Claim 19 Column 18, line 30 replace "(n_d)" with --(n_d)--

Claim 21 Column 18, line 33 replace "(n_d)" with --(n_d)--

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Claim 21 Column 18, line 34 replace "(v_d)" with --(v_d)--

Claim 22 Column 18, line 36 replace "(v_d)" with --(v_d)--

Claim 23 Column 18, line 38 replace "C." with --C--

Claim 24 Column 18, line 40 replace "C." with --C--

Claim 26 Column 18, line 44 replace "(v_d)" with --(v_d)--

Claim 27 Column 18, line 46 replace "(n_d)" with --(n_d)--

Claim 28 Column 18, line 48 replace "(v_d)" with --(v_d)--

Signed and Sealed this

Seventeenth Day of April, 2007



JON W. DUDAS
Director of the United States Patent and Trademark Office